IN THE CLAIMS

Please amend the claims as follows:

Claims 1-24 (Canceled).

Claim 25 (Currently Amended): A process for the production of anionic water-in-water polymeric dispersions comprising at least one finely dispersed, water-soluble and/or water-swellable polymer A comprising anionic monomer units and, optionally, one or more of non-ionic, amphiphilic, and cationic monomer units having a M_w of $>1.0 \times 10^6$ g/mol and a continuous aqueous phase, which phase contains an aliquot of at least one anionic polymeric dispersing agent B comprising at least ~~5 %~~ 30% by weight of anionic monomers and having an average molecular weight Mw of not more than 250,000 g/mol, wherein the aliquot is present in an amount of at least 5% by weight, based on the weight of the total dispersion, ~~of a polymeric dispersing agent B in which monomers that are distributed in this aqueous phase are subjected to free radical polymerization~~ the process comprising:

free radically polymerizing a monomer composition comprising at least the anionic monomers and, optionally, the non-ionic, amphiphilic, and cationic monomer to form a reaction mixture, and

on completion of said polymerization, diluting the reaction mixture ~~is subsequently diluted~~ with [[the]] a residual amount of said dispersing agent B,

wherein the anionic monomers are selected from the group consisting of

a.) an olefinically unsaturated carboxylic acid, a carboxylic anhydride, a water-soluble alkali metal salt thereof, an alkaline earth metal salt thereof, and an ammonium salt thereof;

b.) an olefinically unsaturated sulfonic acid, a water-soluble alkali metal salt thereof, an alkaline earth metal salt thereof, and an ammonium salt thereof;

c.) an olefinically unsaturated phosphonic acid, a water-soluble alkali metal salt thereof, an alkaline earth metal salt thereof, an ammonium salt thereof; and

d.) a sulfomethylated acrylamide, a phosphonomethylated acrylamide, a water-soluble alkali metal salt thereof, an alkaline earth metal salt thereof, and an ammonium salt thereof.

Claim 26 (Currently Amended): A process as defined in claim 25, ~~characterized in that~~ wherein said polymeric dispersing agent B comprises at least one functional group selected from the group consisting of an ether ~~groups~~ group, a carboxyl ~~groups~~ group, a sulfone ~~groups~~ group, a sulfate ester ~~groups~~ group, an amino ~~groups~~ group, an amido ~~groups~~ group, an imido ~~groups~~ group, a tert-amino ~~groups~~ group, and a ~~and/or~~ quaternary ammonium ~~groups~~ group.

Claim 27 (Currently Amended): A process as defined in claim 26, ~~characterized in that~~ wherein said polymeric dispersing agent B is a cellulose derivative, polyvinyl acetate, starch, a starch derivative, dextran, polyvinylpyrrolidone, polyvinylpyridine, polyethylene imine, polyamine, polyvinylimidazole, polyvinylsuccinimide, polyvinyl-2-methylsuccinimide, polyvinyl-1,3-oxazolid-2-one, polyvinyl-2-methylimidazoline, ~~and/or the~~ a respective ~~copolymers~~ copolymer thereof with maleic acid, a copolymer thereof with maleic anhydride, a copolymer thereof with fumaric acid, a copolymer thereof with itaconic acid, a copolymer thereof with itaconic anhydride, a copolymer thereof with (meth)acrylic acid, a copolymer thereof with salts, an ~~and/or~~ esters of (meth)acrylic acid and ~~and/or~~ a copolymer thereof with a (meth)acrylamide compound.

Claims 28-29 (Canceled).

Claim 30 (Currently Amended): A process as defined in claim 25, ~~characterized in that~~ wherein the aliquot of said dispersing agent B in the aqueous phase is equal to from 60 to 95 % by weight of the total weight of said dispersing agent B.

Claim 31 (Currently Amended): A process as defined in claim 25, ~~characterized in that at least one~~ wherein the water-soluble polymeric dispersing agent B is ~~used together~~ present as a mixture with at least one water-soluble polyfunctional alcohol and/or its reaction product with fatty amines.

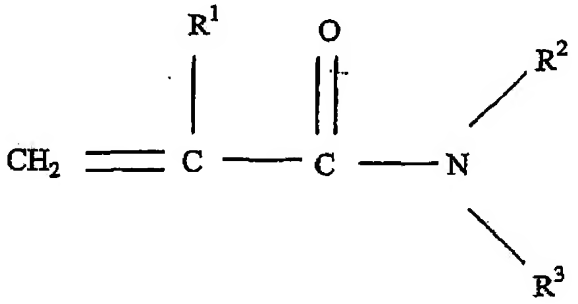
Claim 32 (Currently Amended): A process as defined in claim 31, ~~characterized in that the~~ wherein the water-soluble polymeric dispersing agent is at least one of a water-soluble polyfunctional alcohol ~~alcohols, used are~~ a polyalkylene glycol ~~glycols~~, a block copolymer ~~copolymers~~ of propylene/ethylene oxide having molecular weights of from 50 to 50 000, a low-molecular weight polyfunctional alcohol ~~alcohols and/or their~~ and reaction products thereof with fatty amines containing from 6 to 22 carbons in the alkyl or alkylene radical.

Claim 33 (Currently Amended): A process as defined in claim 31, ~~characterized in that~~ wherein said polymeric dispersing agent B is ~~used together~~ present as a mixture with at least one polyfunctional alcohol in amounts of from 5 to 50 % by weight, based on the total dispersion.

Claim 34 (Currently Amended): A process as defined in claim 31, ~~characterized in that~~ wherein said the ratio, by weight, of said polymeric dispersing agent B to said polyfunctional alcohol is in the range of from 1.00 : 0.01 to 1.00 : 0.5.

Claims 35-36 (Canceled).

Claim 37 (Currently Amended): A process as defined in claim 25, ~~characterized in that the~~ wherein the polymeric dispersing agent B comprises at least one non-ionic monomer ~~monomers used are monomers~~ of the ~~general~~ formula (I)

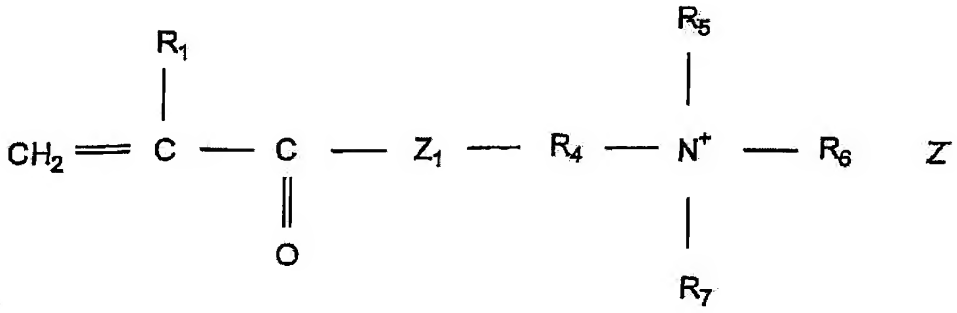


(I)

in which

R^1	stands for a hydrogen radical or a methyl radical, and
R^2 and R^3	independently stand for hydrogen, or an alkyl or hydroxyalkyl radical containing from 1 to 5 carbon atoms, and
R^2 or R^3	stands for an OH group.

Claim 38 (Currently Amended): A process as defined in claim 25, ~~characterized in that the~~ wherein the polymeric dispersing agent B comprises one or more amphiphilic monomers ~~used are monomers~~ of ~~the general~~ formula (II)



(II)

wherein Z_1 stands for O, NH, NR_4 wherein R_4 denotes alkyl containing from 1 to 4 carbons,

R_1 stands for hydrogen or a methyl radical,

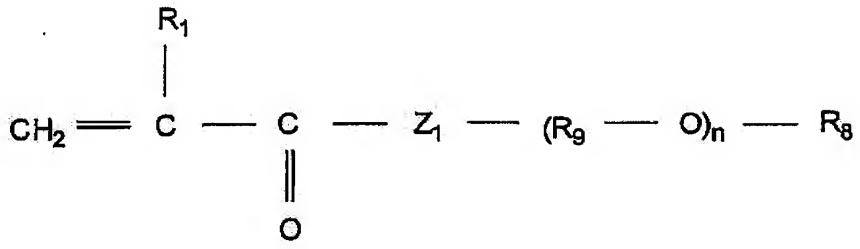
R_4 stands for alkene containing from 1 to 6 carbons,

R_5 and R_6 independently stand for an alkyl group containing from 1 to 6 carbons,

R_7 stands for an alkyl radical, an aryl radical, and/or an aralkyl radical containing from 8 to 32 carbons and

Z^- stands for halogen, pseudo-halogen, $SO_4CH_3^-$ or acetate,

or monomers of the general formula (III)

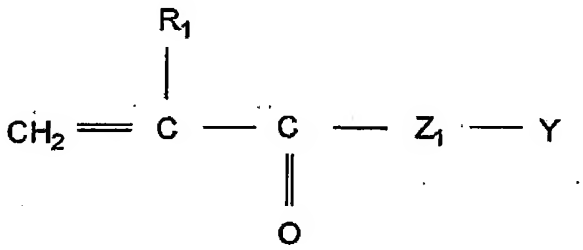


(III)

wherein

Z_1	stands for O, NH, or NR_4, wherein R_4 denotes alkyl containing from 1 to 4 carbons,
R_1	stands for hydrogen or a methyl radical,
R_3	stands for hydrogen, an alkyl radical, an aryl radical, and/or an aralkyl radical containing from 8 to 32 carbons,
R_9	stands for an alkylene radical containing from 2 to 6 carbons, and
n	stands for an integer from 1 to 50.

Claim 39 (Currently Amended): A process as defined in claim 25, ~~characterized in that~~ wherein the polymeric dispersing agent B comprises ~~the~~ cationic monomers ~~used are compounds~~ of ~~the general~~ formula (IV)



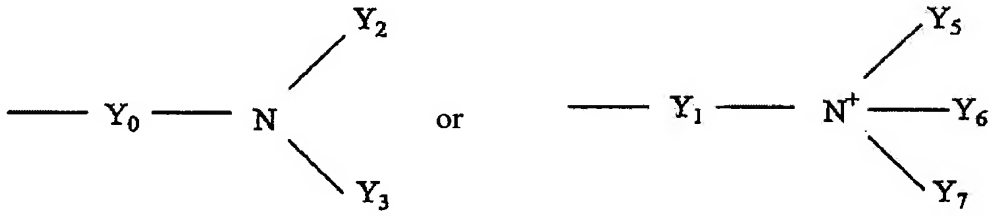
(IV)

wherein

R_1 stands for hydrogen or a methyl radical,

Z_1 stands for O, NH or NR_4 where R_4 stands for an alkyl radical containing 1 to 4 carbon atoms,

Y stands for one of the groups



Y_0 and Y_1 stand for an alkylene radical or hydroxyalkylene radical containing 2 to 6 carbon atoms, and

Y_2, Y_3, [[Y_4,]] Y_5, Y_6, Y_7, independently stand for an alkyl radical containing 1 to 6 carbon atoms~~, and~~

~~Z^- stands for halogen, acetate, or $SO_4CH_3^-$~~.

Claim 40 (Currently Amended): A process as defined in claim 25, wherein ~~characterized in that~~ the ~~monomeric~~ monomer composition ~~to be used for the production of said polymer A~~ consists of anionic monomers~~, to an extent of from 0 to 100 % by weight, based on the total weight of monomers~~.

Claim 41 (Canceled).

Claim 42 (Currently Amended): A process as defined in claim 25, ~~characterized in that~~ wherein polymerization is carried out in the presence of a salt in an amount of not more than 3.0 % by weight, based on the total dispersion.

Claim 43 (Currently Amended): A process as defined in claim 25, ~~characterized in that~~ further comprising:

cooling the reaction mixture ~~is cooled~~ following the polymerization and [[is]] subsequently ~~diluted with~~ diluting the reaction mixture with the residual amount of said dispersing agent B.

Claim 44 (Currently Amended): A process as defined in claim 25, ~~characterized in that~~ further comprising:

cooling the reaction mixture ~~is cooled~~ to ≤ 35 °C.

Claim 45 (Currently Amended): A process as defined in claim 25, ~~characterized in that~~ further comprising:

diluting the reaction mixture [[is]] subsequently ~~diluted~~ with from 5 to 50 % of said dispersing agent B by weight, based on the total weight thereof.

Claim 46 (Currently Amended): A water-in-water polymer dispersion ~~whenever~~ obtained as defined in claim 25.

Claim 47 (Currently Amended): The method of claim 25, further comprising: ~~using~~ including the water-in-water polymer dispersion as defined in claim 46 for solid/liquid separation in aqueous systems.

Claim 48 (Currently Amended): The method of claim 25, further comprising: ~~using~~ including the water-in-water polymeric dispersions as defined in claim 46 as an auxiliary in papermaking.

Claim 49 (Currently Amended): The method of claim 25, further comprising: ~~using~~ including the water-in-water polymer dispersion as defined in claim 46 in retention agent systems in papermaking.

Claim 50 (New): A process for producing a water-in-water dispersion of one or more at least one finely dispersed, water-soluble and/or water-swellable anionic polymers A dispersed in a continuous aqueous phase, wherein the polymer A comprises one or more anionic monomer units and, optionally, one or more of a non-ionic, amphiphilic, and cationic monomer units and the polymer A has a M_w of $>1.0 \times 10^6$ g/mol and, wherein the aqueous phase of the dispersion comprises at least one anionic polymeric dispersing agent B which comprises at least 30% by weight of one or more anionic monomers and has a weight average molecular weight Mw of not more than 250,000 g/mol, wherein the anionic polymeric dispersing agent B is the process comprising:

in a first stage, free radically polymerizing a monomer composition comprising at least the anionic monomer units and, optionally, the non-ionic, amphiphilic, and cationic monomer units in the presence of at least 5% by weight of the anionic polymeric dispersing agent B based on the total weight the dispersion, to form a reaction mixture, and

in a second stage, on completion of said radical polymerization, diluting the reaction mixture with a second amount of the anionic polymeric dispersing agent B to form the water-in-water dispersion,

wherein the anionic monomers are selected from the group consisting of

a.) an olefinically unsaturated carboxylic acid, a carboxylic anhydride, a water-soluble alkali metal salt thereof, an alkaline earth metal salt thereof, and an ammonium salt thereof;

b.) an olefinically unsaturated sulfonic acid, a water-soluble alkali metal salt thereof, an alkaline earth metal salt thereof, and an ammonium salt thereof;

c.) an olefinically unsaturated phosphonic acid, a water-soluble alkali metal salt thereof, an alkaline earth metal salt thereof, an ammonium salt thereof; and

d.) a sulfomethylated acrylamide, a phosphonomethylated acrylamide, a water-soluble alkali metal salt thereof, an alkaline earth metal salt thereof, and an ammonium salt thereof.